

IN THE CLAIMS:

Please cancel Claims 9, 19 and 25 to 37 without prejudice or disclaimer of subject matter, add new Claims 38 to 46 and amend the claims as shown below. The claims, as pending in the subject application, read as follows:

1. to 7. (Canceled)

8. (Currently Amended) A data processing apparatus which communicates with a computer via a network, said data processing apparatus comprising:

a reception unit that receives a request transmitted from the computer via the network, wherein the request includes a kind of data process to be executed ~~and a request to obtain a port number for transmitting data to be used in the data process;~~

~~an address obtaining unit that obtains an address of a transferring source of the request received by said reception unit;~~

~~a discriminating unit that determines whether or not communication with the computer is to be permitted, based on the address obtained by said address-obtaining unit;~~

~~a specifying unit that specifies a port number that corresponds to the kind of data process included in the request received by said reception unit, from among plural port numbers respectively allocated in correspondence to plural kinds of data processes; and~~

~~a port number notifying unit that notifies the computer of address obtained by said address-obtaining unit of the a port number corresponding to a kind of data process~~

included in the request received by said reception unit; specified by said specifying unit in a case where said discriminating unit determines that communication with the computer is to be permitted;

wherein the data process is executed in accordance with data in which the port number to which the data is transmitted is the port number notified by said port number notifying unit

a correlating unit that correlates, after the reception by said reception unit, discrimination information of the computer that transmitted the request and the port number notified by said port number notifying unit with each other;

a data receiving unit that receives data addressed to the port number, from an external apparatus; and

a control unit that discriminates whether or not the port number and discrimination information of the external apparatus have been correlated with each other by said correlating unit, controls to execute a process based on the data received by said data receiving unit in a case where it is discriminated that the port number and the discrimination information of the external apparatus have been correlated with each other, and controls not to execute the process based on the data received by said data receiving unit in a case where it is discriminated that the port number and the discrimination information of the external apparatus have not been correlated with each other.

9. (Canceled)

10. (Previously Presented) A data processing apparatus according to claim 8, wherein said data processing apparatus is a printer.

11. to 17. (Canceled)

18. (Currently Amended) A communicating method performed in a data processing apparatus which communicates with a computer via a network, said method comprising:

a reception step of receiving a request transmitted from the computer via the network, wherein the request includes a kind of data process to be executed ~~and a request to obtain a port number for transmitting data to be used in the data process;~~

~~an address obtaining step of obtaining an address of a transferring source of the request received in said reception step;~~

~~a discriminating step of determining whether or not communication with the computer is to be permitted, based on the address obtained by said address obtaining step;~~

~~a specifying step of specifying a port number that corresponds to the kind of data process included in the request received by said reception step, from among plural port numbers respectively allocated in correspondence to plural kinds of data processes; and~~

~~a port number notifying step of notifying the computer address obtained in said address obtaining step of the a port number corresponding to a kind of data process included in the request received by said reception step; specified by said specifying step in~~

a case where said discriminating step determines that communication with the computer is to be permitted;

wherein the data process is executed in accordance with data in which the port number to which the data is transmitted is the port number notified by said port number notifying step

a correlating step of correlating, after the reception by said reception step, discrimination information of the computer that transmitted the request and the port number notified by said port number notifying step with each other;

a data receiving step of receiving data addressed to the port number, from an external apparatus; and

a control step of discriminating whether or not the port number and discrimination information of the external apparatus have been correlated with each other by said correlating step, controlling to execute a process based on the data received by said data receiving step in a case where it is discriminated that the port number and the discrimination information of the external apparatus have been correlated with each other, and controlling not to execute the process based on the data received by said data receiving step in a case where it is discriminated that the port number and the discrimination information of the external apparatus have not been correlated with each other.

19. (Canceled)

20. (Previously Presented) A method according to claim 18, wherein said data processing apparatus is a printer.

21. (Canceled)

22. (Currently Amended) A computer readable recording medium on which is stored a computer executable control program executed by data processing apparatus which communicates with a computer via a network, wherein said control program causes a processor of the data processing apparatus to execute:

a reception step to receive a request transmitted from the computer via the network, wherein the request includes a kind of data process to be executed ~~and a request to obtain a port number for transmitting data to be used in the data process;~~

~~an address obtaining step to obtain an address of a transferring source of the request received in said reception step;~~

~~a discriminating step to determine whether or not communication with the computer is to be permitted, based on the address obtained in said address obtaining step;~~

a specifying step to specify a port number that corresponds to the kind of data process included in the request received by said reception step, from among plural port numbers respectively allocated in correspondence to plural kinds of data processes; and

a port number notifying step to notify the computer address obtained in said address obtaining step of the a port number corresponding to a kind of data process included in the request received by said reception step; specified by said specifying unit in

a case where said discriminating step determines that communication with the computer is to be permitted;

wherein the data process is executed in accordance with data in which the port number to which the data is transmitted is the port number notified by said port number notifying step

a correlating step to correlate, after the reception by said reception step, discrimination information of the computer that transmitted the request and the port number notified by said port number notifying step with each other;

a data receiving step to receive data addressed to the port number, from an external apparatus; and

a control step to discriminate whether or not the port number and discrimination information of the external apparatus have been correlated with each other by said correlating step, to control to execute a process based on the data received by said data receiving step in a case where it is discriminated that the port number and the discrimination information of the external apparatus have been correlated with each other, and to control not to execute the process based on the data received by said data receiving step in a case where it is discriminated that the port number and the discrimination information of the external apparatus have not been correlated with each other.

23. to 37. (Canceled)

38. (New) A data processing apparatus according to claim 8, further comprising a discriminating unit that discriminates whether or not to permit communication with the computer,

wherein said port number notifying unit notifies the computer of the port number in a case where said discriminating unit discriminates to permit the communication with the computer.

39. (New) A data processing apparatus according to claim 8, wherein the discrimination information of the computer and the discrimination information of the external apparatus are respectively an IP address of the computer and an IP address of the external apparatus.

40. (New) A data processing apparatus according to claim 8, wherein said port number notifying unit notifies the computer of a first port number if the kind of data process is a printing process for processing print data, and of a second port number if the kind of data process is a managing process for managing the apparatus.

41. (New) A method according to claim 18, further comprising a discriminating step of discriminating whether or not to permit communication with the computer,

wherein said port number notifying step notifies the computer of the port number in a case where said discriminating step discriminates to permit the communication with the computer.

42. (New) A method according to claim 18, wherein the discrimination information of the computer and the discrimination information of the external apparatus are respectively an IP address of the computer and an IP address of the external apparatus.

43. (New) A method according to claim 18, wherein said port number notifying unit notifies the computer of a first port number if the kind of data process is a printing process for processing print data, and of a second port number if the kind of data process is a managing process for managing the apparatus.

44. (New) A computer readable recording medium according to claim 22, further comprising a discriminating step of discriminating whether or not to permit communication with the computer,

wherein said port number notifying step notifies the computer of the port number in a case where said discriminating step discriminates to permit the communication with the computer.

45. (New) A computer readable recording medium according to claim 22, wherein the discrimination information of the computer and the discrimination information



of the external apparatus are respectively an IP address of the computer and an IP address of the external apparatus.

46. (New) A computer readable recording medium according to claim 22, wherein said port number notifying unit notifies the computer of a first port number if the kind of data process is a printing process for processing print data, and of a second port number if the kind of data process is a managing process for managing the apparatus.